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FARM FACTS

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TENNESSEE WHEAT GROWERS EXPECTING ANOTHER GOOD YEAR

Based on a May 1 survey conducted by the Tennessee Agricultural Statistics Service, wheat producers in the State intend to harvest 380,000 acres this year, compared to 340,000 last year. With 580,000 acres seeded last fall, the remaining 200,000 acres will be used as a cover crop, or cut for hay and silage. The average State yield is forecast at 50 bushels per acre, 4 bushels below last year's record yield, but the second highest yield on record. If realized, this will result in total production of 19.0 million bushels, the highest production in the State since 1988.

As of May 5, 80 percent of the winter wheat crop in Tennessee was rated in mostly good-to-excellent condition, the second highest crop condition rating for that date since records began in 1987. Mild spring weather allowed producers to spray and fertilize their crop on schedule, and most areas received little to no freeze damage. Disease and insect pressure has been relatively light for most of the Spring. Harvest of the crop is expected to begin on schedule around the middle of June.

U.S. WINTER WHEAT

Winter wheat production is forecast at 1.65 billion bushels, down 3 percent from 1999. Based on May 1 conditions, the U.S. yield is forecast at 47.5 bushels per acre, 0.3 less than last year's record. If realized, this would be the second highest yield on record. Harvested grain acreage for 2000 is forecast at 34.7 million acres, down 2 percent from 1999. If realized, this will be the smallest winter wheat area since 1971. Good or better condition ratings of winter wheat on April 29 at 60 percent was 13 percentage points below 1999. The Texas condition rating was only 12 percent good to excellent for the same period.

MILD WINTER HELPS STRETCH OUT HAY SUPPLIES

Stocks of all hay on Tennessee farms totaled 607,000 tons on May 1, 2000, down 4 percent from May 1 of the previous year. Disappearance of hay from December 1, 1999 to May 1, 2000 totaled 2.05 million tons, 19 percent lower than the 1998 crop disappearance of 2.54 million tons for the same period. Going into the winter month's many livestock producers in Tennessee were concerned about the amount of hay on hand. Last year's summer drought reduced overall hay production, and many producers either liquidated their herds or started feeding hay much earlier than normal due to poor pasture conditions. Fortunately, Tennessee experienced a mild winter and most producers had ample supplies of hay available.

WINTER WHEAT: TENNESSEE, SURROUNDING STATES, AND U.S., MAY 1, 2000 WITH COMPARISONS ¹

State	Acreage Harvested		Yield Per Acre		Production	
	1999	2000	1999	2000	1999	2000
	1,000 Acres		Bushels		1,000 Bushels	
Arkansas	920	1,080	56.0	55.0	51,520	59,400
Georgia	225	240	43.0	45.0	9,675	10,800
Kentucky	410	430	60.0	55.0	24,600	23,650
Mississippi	165	210	50.0	43.0	8,250	9,030
Missouri	920	920	48.0	48.0	44,160	44,160
North Carolina	580	590	49.0	52.0	28,420	30,680
TENNESSEE	340	380	54.0	50.0	18,360	19,000
Virginia	240	205	57.0	65.0	13,680	13,325
United States	35,572	34,709	47.8	47.5	1,699,989	1,648,805

¹ 2000 forecast, 1999 final.

TRANSPLANTING DATE KEY TO 1999 TOBACCO

Transplanting dates and rainfall timing were the main factors affecting tobacco yields in 1999. Farmers who transplanted their tobacco in early May reported excellent to average yields, while later set tobacco had only average yields, or in extreme situations a total loss. The reason for the difference was that the late tobacco baked in the hot, dry conditions while the early to mid-season tobacco benefitted from timely rains. Burley growers produced 104 million pounds in 1999 with an average yield of 1,890 pounds per acre, 95 pounds more than in 1998 and better than the five-year average. Type 22 and Type 23 dark fire-cured tobacco yields were 2,280 and 2,500 pounds per acre, respectively. Type 22, Eastern dark fire-cured production at 16.0 million pounds, was 6 percent below the previous year. Type 23, Western dark fire-cured production, at 1.43 million, was 3 percent below 1998. Type 35, Dark air-cured production, at 1.27 million pounds, was 18 percent above a year earlier. Curing conditions were less than desirable during 1999 and led to delays in preparing the tobacco crop for market.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1990-1999

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1990	53,590	2,094	112,218	1.783	200,039
1991	61,730	1,969	121,524	1.834	222,837
1992	72,200	2,030	146,556	1.848	270,869
1993	69,940	1,993	139,423	1.857	258,861
1994	60,350	2,192	132,289	1.878	248,415
1995	51,690	1,797	92,907	1.912	177,667
1996	54,560	2,014	109,888	1.982	217,837
1997	59,480	1,922	114,292	1.952	223,092
1998	59,415	1,870	111,100	1.963	218,097
1999	63,170	1,941	122,601	1.955	239,651

COTTON PRODUCTION UP MODERATELY

Despite wet field conditions early, most cotton growers were able to plant their crop sooner than normal. The majority of the crop was rated in good-to-excellent condition until the end of July, due to ideal growing conditions. The main problem in 1999, however, was the yield reducing effects of the relentless dry August weather which caused poor boll development and higher than normal boll shed. Growers reported that August was one of the poorest growing months they had ever seen. As a result, Tennessee's cotton yield averaged 505 pounds of lint per acre, well below 1998's yield of 589 pounds and the five-year average of 623 pounds. Poor prices, coupled with marginal quality, discouraged a second picking; a practice that normally boosts yields significantly. Harvest of last year's crop was nearly a month ahead of normal and the earliest completion date since official records began in 1969. Total production from the 565,000 harvested acres, at 595,000 bales, was 49,000 bales more than was produced during 1998. Tennessee's cotton crop ranked third in value of production in 1999. Cotton and cottonseed were valued at \$142 million. Of this total, cotton lint represented \$125 million, while cottonseed represented \$17.4 million. The combined value of cotton lint and seed accounted for about 16 percent of the State's total value of principal crops. Producers received an average price of 43.8 cents per pound for lint for the 1999 crop, compared with 61.9 cents in 1998.

COTTON: ACREAGE, YIELD, PRODUCTION, AND GINNINGS, TENNESSEE, 1990-1999

Crop Year	Acreage		Yield Per Acre	Production		Ginnings ²
	Planted	Harvested		Lint ¹	Seed	
	1,000 Acres		Pounds Lint	1,000 bales	1,000 Tons	1,000 Bales
1990	525	515	461	495	192	491.2
1991	620	610	552	701	277	700.0
1992	625	615	651	834	332	826.0
1993	625	615	425	545	216	536.1
1994	590	585	726	885	348	878.9
1995	700	660	527	724	292	724.0
1996	540	530	611	675	262	677.4
1997	490	480	662	662	260	660.6
1998	450	445	589	546	205	543.4
1999	570	565	505	595	223	590.5

¹ Production in 480 pound net weight bales. ² Equivalent 480 pound net weight bales, not adjusted for cross state movement.

TOBACCO: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1998 AND 1999

District and County	Acreage Harvested		Yield ¹ Pounds per Acre		Production 1,000 Pounds		District and County	Acreage Harvested		Yield ¹ Pounds per Acre		Production 1,000 Pounds	
	1998	1999	1998	1999	1998	1999		1998	1999	1998	1999	1998	1999
Eastern Dark-Fired (Type 22)													
Cheatham	660	650	2,150	2,260	1,420	1,470	Jackson	640	660	1,765	1,850	1,130	1,220
Dickson	700	660	1,885	1,910	1,319	1,260	Lincoln	540	540	1,770	1,640	955	885
Houston	77	75	2,340	2,335	180	175	Macon	3,850	4,300	1,775	1,720	6,840	7,400
Montgomery	2,010	1,940	2,230	2,165	4,480	4,200	Marshall	270	270	1,535	1,555	415	420
Robertson	3,230	3,100	2,570	2,520	8,300	7,812	Maury	760	760	1,630	1,765	1,240	1,340
Stewart	515	490	2,135	1,795	1,100	880	Moore	110	110	1,610	1,500	177	165
Sumner	81	63	1,950	2,065	158	130	Smith	1,460	1,600	1,870	1,720	2,730	2,750
Other ²	27	22	1,925	1,500	52	33	Sumner	2,535	2,600	1,820	1,835	4,620	4,770
State	7,300	7,000	2,330	2,280	17,009	15,960	Trousdale	1,170	1,300	1,835	1,725	2,145	2,240
Western Dark-Fired (Type 23)							Williamson	550	550	1,755	1,890	965	1,040
Henry	485	465	2,390	2,475	1,160	1,150	Wilson	460	465	1,715	1,720	790	800
Weakley	100	100	3,030	2,650	303	265	Other ²	85	85	1,860	1,645	158	140
Other ²	5	5	2,400	2,000	12	10	District 40	14,500	15,420	1,770	1,745	25,700	26,930
State	590	570	2,500	2,500	1,475	1,425	Cumberland	105	105	1,600	1,475	168	155
Dark Air-Cured (Type 35)							Fentress	335	380	1,970	1,830	660	695
Weakley	21	20	1,525	2,400	32	48	Franklin	120	120	1,665	1,500	200	180
Montgomery	17	23	2,295	2,260	39	52	Morgan	75	130	1,535	1,155	115	150
Robertson	345	400	2,155	2,215	744	885	Overton	600	720	1,885	1,805	1,130	1,300
Sumner	120	127	1,790	1,805	215	229	Pickett	950	1,350	2,000	1,970	1,900	2,660
Other ²	22	30	1,865	1,735	41	52	Putnam	565	630	1,480	1,645	835	1,035
State	525	600	2,040	2,110	1,071	1,266	Warren	200	220	1,775	1,705	355	375
Burley (Type 31)							White	730	730	1,630	1,550	1,190	1,130
District 10 ³	75	90	1,535	1,220	115	110	Other ²	70	75	1,670	1,465	117	110
Henry	590	730	1,710	1,590	1,010	1,160	District 50	3,750	4,460	1,780	1,745	6,670	7,790
Weakley	353	355	1,735	1,790	612	635	Anderson	80	80	1,500	1,500	120	120
Other ²	2	5	1,500	1,000	3	5	Blount	300	310	1,665	1,805	500	560
District 20	945	1,090	1,720	1,650	1,625	1,800	Bradley	90	90	1,665	1,555	150	140
Cheatham	310	310	1,790	1,740	555	540	Campbell	345	345	1,825	1,795	630	620
Dickson	220	250	1,720	1,720	378	430	Carter	480	480	1,675	1,950	805	935
Hickman	105	120	1,570	1,835	165	220	Claiborne	3,100	3,200	1,895	2,095	5,875	6,700
Houston	80	100	1,725	1,790	138	179	Cocke	1,050	1,250	1,640	1,780	1,720	2,225
Lawrence	190	210	1,710	2,310	325	485	Grainger	1,900	1,950	1,860	1,935	3,535	3,770
Montgomery	1,770	1,900	1,840	1,895	3,260	3,605	Greene	5,000	5,300	1,815	2,045	9,065	10,840
Robertson	2,630	2,870	2,105	2,120	5,530	6,080	Hamblen	600	610	1,915	1,910	1,150	1,165
Stewart	380	380	1,765	1,765	670	670	Hancock	1,200	1,450	1,735	1,935	2,080	2,805
Other ²	45	50	1,645	1,620	74	81	Hawkins	2,450	2,750	1,880	2,175	4,600	5,985
District 30	5,730	6,190	1,935	1,985	11,095	12,290	Jefferson	1,250	1,250	1,735	1,760	2,170	2,200
Bedford	145	145	1,550	1,345	225	195	Johnson	1,050	1,150	1,545	2,115	1,620	2,430
Cannon	210	220	1,950	1,840	410	405	Knox	145	150	1,550	1,635	225	245
Clay	950	1,050	1,805	1,880	1,715	1,975	Loudon	360	360	1,765	1,665	635	600
DeKalb	600	600	1,550	1,560	930	935	McMinn	650	650	1,900	1,890	1,235	1,230
Giles	165	165	1,545	1,515	255	250	Meigs	190	190	1,975	1,605	375	305
							Monroe	760	760	1,775	1,855	1,350	1,410
							Roane	95	95	1,580	1,580	150	150
							Sevier	400	430	1,575	1,815	630	780
							Sullivan	910	1,050	1,570	2,050	1,430	2,150
							Unicoi	140	140	1,700	1,820	238	255
							Union	655	660	1,695	1,850	1,110	1,220
							Washington	2,750	3,000	1,765	2,035	4,855	6,100
							Other ²	50	50	1,740	1,800	87	90
							District 60	26,000	27,750	1,780	1,985	46,340	55,030
State Total													
All Tobacco													
							State Total	51,000	55,000	1,795	1,890	91,545	103,950
							All Tobacco	59,415	63,170	1,870	1,941	111,100	122,601

¹ Yield derived to nearest 5 pounds.

² Combined to avoid disclosing individual farm operations.

³ No individual counties published.

COTTON: ACREAGE, YIELD, AND PRODUCTION, BY COUNTIES, 1998 AND 1999

District and County	Acreage Planted		Acreage Harvested		Yield Per Harvested Acre		Production 480 Lbs. Net Wt.	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres				Pounds		Bales	
Dyer	29,500	39,000	29,200	38,500	510	474	31,000	38,000
Lake	8,000	13,000	7,600	13,000	594	517	9,400	14,000
Lauderdale	33,500	52,000	33,000	51,500	596	503	41,000	54,000
Obion	4,500	5,500	4,300	5,500	513	480	4,600	5,500
Shelby	13,000	20,500	12,900	20,500	595	527	16,000	22,500
Tipton	43,500	58,000	43,000	57,000	647	556	58,000	66,000
District 10	132,000	188,000	130,000	186,000	591	516	160,000	200,000
Carroll	9,100	12,000	9,100	12,000	633	540	12,000	13,500
Chester	1,400	2,100	1,400	2,100	617	480	1,800	2,100
Crockett	78,000	88,000	77,500	87,000	526	474	85,000	86,000
Fayette	35,000	44,000	34,500	43,500	626	530	45,000	48,000
Gibson	33,000	39,000	32,500	38,500	591	474	40,000	38,000
Hardeman	9,800	12,500	9,800	12,500	588	557	12,000	14,500
Hardin	1,800	2,600	1,800	2,600	613	443	2,300	2,400
Haywood	104,000	120,000	103,000	119,000	601	480	129,000	119,000
Henderson	2,200	2,500	2,200	2,500	611	461	2,800	2,400
McNairy	900	1,300	900	1,300	587	443	1,100	1,200
Madison	33,000	42,000	32,500	42,000	591	537	40,000	47,000
Weakley	500	700	500	700	576	411	600	600
Other ¹	300	300	300	300	640	480	400	300
District 20	309,000	367,000	306,000	364,000	584	495	372,000	375,000
Giles	1,300	1,800	1,300	1,800	702	640	1,900	2,400
Lincoln	2,900	5,800	2,900	5,800	794	679	4,800	8,200
Rutherford	1,300	2,400	1,300	2,400	628	540	1,700	2,700
Other ^{1 3}	200	300	200	300	720	480	300	300
District 40	5,700	10,300	5,700	10,300	733	634	8,700	13,600
Franklin	3,000	4,500	3,000	4,500	784	661	4,900	6,200
Other ¹	300	200	300	200	640	480	400	200
District 50	3,300	4,700	3,300	4,700	771	654	5,300	6,400
State	450,000	570,000	445,000	565,000	589	505	546,000	595,000

¹ Unlisted counties combined with "Other" counties.

² Less than 500 acres harvested, combined with "Other" counties.

³ Includes District 30 where no individual counties are published.